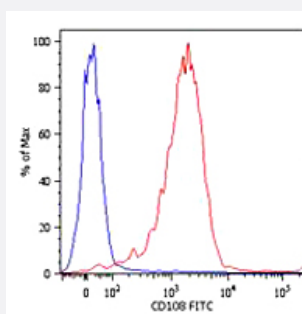


# SEMA7A monoclonal antibody, clone MEM-150

Catalog # MAB0914      Size 100 ug

## Applications



### Flow Cytometry

Surface staining of HPB - ALL human peripheral blood T cell leukemia cell line with SEMA7A monoclonal antibody, clone MEM - 150 (Cat # MAB0914) FITC. Total viable cells were used for analysis.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against native SEMA7A.
<b>Immunogen</b>	Native purified SEMA7A from human T cell line HPB-ALL.
<b>Host</b>	Mouse
<b>Theoretical MW (kDa)</b>	80
<b>Reactivity</b>	Human
<b>Specificity</b>	This antibody reacts with CD108 (JMH blood group antigen), a 80 KDa GPI-anchored glycoprotein expressed on various cell types including erythrocytes, lymphoblasts; at low levels it is present on circulating lymphocytes.
<b>Form</b>	Liquid
<b>Concentration</b>	1 mg/mL
<b>Isotype</b>	IgM
<b>Recommend Usage</b>	The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.4 (0.09% sodium azide)

**Storage Instruction**

Store at 4°C. Do not freeze.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot
- Immunoprecipitation
- Flow Cytometry

Surface staining of HPB - ALL human peripheral blood T cell leukemia cell line with SEMA7A monoclonal antibody, clone MEM - 150 (Cat # MAB0914) FITC. Total viable cells were used for analysis.

## Gene Info — SEMA7A

**Entrez GeneID**[8482](#)**Gene Name**

SEMA7A

**Gene Alias**

CD108, CDw108, H-SEMA-K1, H-Sema-L, JMH, MGC126692, MGC126696, SEMAK1, SEMA L

**Gene Description**

semaphorin 7A, GPI membrane anchor (John Milton Hagen blood group)

**Omim ID**[607961](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene binds to cell surfaces through a glycosylphosphatidylinositol (GPI) linkage. The encoded glycoprotein is found on activated lymphocytes and erythrocytes. This protein may be involved in immunomodulatory and neuronal processes. Defects in this gene can result in loss of bone mineral density (BMD). Three transcript variants encoding different isoforms have been found for this gene

**Other Designations**

John Milton Hagen blood group H-Sema K1|sema domain, immunoglobulin domain (Ig), and GPI membrane anchor, (semaphorin) 7A (JMH blood group)|sema domain, immunoglobulin domain (Ig), and GPI membrane anchor, 7A|semaphorin 7A|semaphorin K1|semaphorin L

## Pathway

- [Axon guidance](#)

## Disease

- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Osteoporosis](#)